

**ABSTRACT OF THE INVENTION**

The present invention is directed to the use of deposited thin films for chemical or biological analysis. The invention further relates to the use of these thin films in separation adherence and detection of chemical of biological samples. Applications of these thin films include desorption-ionization mass spectroscopy, electrical contacts for organic thin films and molecules, optical coupling of light energy for analysis, biological materials manipulation, chromatographic separation, head space adsorbance media, media for atomic molecular adsorbance or attachment, and substrates for cell attachment.

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